

Rabbit anti-Human GALR1 Polyclonal Antibody | anti-GALR1 antibody

GALR1 Antibody (Center)

CATALOG # AAA289460	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

GALR1; Polyclonal Antibody; GALR1 Antibody (Center); Galanin receptor type 1; GAL1-R; GALR-1; GALNR; GALNR1; anti-GALR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GALR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 174-200 amino acids from the Central region of human GALR1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	174-200
Sequence Length	349
Applicable Applications for anti-GALR1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

GALR1 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of GALR1 Antibody (Center) in K562, CEM, HeLa cell line lysates (35ug/lane). GALR1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GALR1 antibody	GALR1 elicits a range of biological effects by interaction with specific G-protein-coupled receptors. Galanin receptors are seven-transmembrane proteins shown to activate a variety of intracellular second-messenger pathways. GALR1 inhibits adenylyl cyclase via a G protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, as well as in peripheral sites such as the small intestine and heart.
Product Categories/Family for anti-GALR1 antibody	Cardiovascular; Neuroscience; Signal Transduction; Phospho Antibodies
References	Borrito-Escuela,D.O. Biochem. Biophys. Res. Commun. 393 (4), 767-772 (2010) Gratacos,M. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 Marroni,F. Circ Cardiovasc Genet 2 (4), 322-328 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	167000885
NCBI GeneID	2587
NCBI Accession #	NP_001471.2
NCBI GenBank Nucleotide #	NM_001480.3
UniProt Accession #	P47211; Q4VBL7
Molecular Weight	38953
NCBI Official Full Name	galanin receptor type 1
NCBI Official Synonym Full Names	galanin receptor 1
NCBI Official Symbol	GALR1
NCBI Official Synonym Symbols	GALNR; GALNR1
NCBI Protein Information	galanin receptor type 1
UniProt Protein Name	Galanin receptor type 1
UniProt Gene Name	GALR1
UniProt Synonym Gene Names	GALNR; GALNR1; GAL1-R; GALR-1
UniProt Entry Name	GALR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/galr1-antibody-flow-cytometry-western-blot-elisa/289460>